

DEPARTMENT OF BIOCHEMISTRY

List of faculty

Sr. No.	Name of the teacher	Designation
1	Dr. Varma S. G.	Professor & Head
2	Dr. Shendey R.	Professor
3	Dr. Abhang S.A.	Associate Professor
4	Dr. Bankar M. P.	Associate Professor
5	Dr. Salgar S.T.	Associate Professor
6	Dr.Masram S.W	Associate Professor
7	Mrs. Saste S. B.	Assistant Professor
8	Mrs. Kanwar M. A.	Assistant Professor
9	Dr. Joshi P. N.	Assistant Professor
10	Mr. Gurav N. R.	Assistant Professor
11	Dr. Chaudhary R.R.	Assistant Professor
12	Dr. Patil P.H..	Assistant Professor
13	Dr.Gupta N.J.	Assistant Professor

Services available

Following investigations are performed during office hours.

Blood Glucose, Blood urea, S. Creatinine, S. Calcium, S.Phosphorus, S. Total Proteins, S. Albumin, S. Total Bilirubin, S. Direct Bilirubin, SGOT, SGPT, CKMB, Blood gas analysis, CSF sugar, CSF proteins, Blood Barbiturates , Urinary B.J. Protein. Alkaline phosphatase, Prothrombin time,

Dept of Biochemistry also provides round the clock services of biochemical investigations which are required during emergency hours.

Blood Glucose, Blood urea, S. Creatinine, S. Total Bilirubin, S. Direct Bilirubin, SGOT, CKMB, Blood gas analysis, CSF sugar, CSF proteins, Barbiturates

List of Equipments

Sr. No.	Equipments	
1	Fully automated chemistry analyzer	03 No.
2	Semi- automated chemistry analyzer	02 No.
3	Blood Gas Analyzer	02 No.
4	Flame Photometer	01 No.
5	ELISA reader	02 No.
6	Automated Electrophoresis Unit	01 No.
7	Centrifuge	05 No.
8	Real time PCR machine	01No.

Paper published and presentations by the Teacher(s)/Student(s)

Total No. of publication during 2015: 08

Total No. of publication during 2014: 13

Sr. No. 1	Subject of Paper 2	Name of Journal 3	Year of Publication 4
1	NO/cyt c ratio as a possible marker of efficacy of adjuvant chemotherapy in breast cancer: A preliminary report. CY Charushila, SA Abhang	European Journal of Cancer 51 (Supplement 2), e11	2015
2	NO and Mitochondrial Complexes in Sepsis. N.G. Joshi, P. N. Joshi, P.M. Bulakh.	International Journal of Current Research and Academic Review. 2015.ISSN:2347-3215 vol. 3 No. 10 Oct. 2015pp151-156	2015
3	Evaluation of serum antioxidants during adjuvant chemotherapy of breast cancer : A prospective observational study Charushila Yuvraj Kadam. Subodhini.A Abhang	Biochem and biochem2015,4:171	2015
4	Arginase activity as a useful cardiac marker for differential diagnosis of UA and MI : A pilot study. C.G.Yerawar, S.A.Abhang and P.N.Joshi	International Journal of Biochemistry Research & Review 2015;5(1)82-86 .	2015
5	Correlation of serum levels of reduced glutathione and glutathione dependent enzymes with cytochrome c after 1 st cycle of adjuvant chemotherapy in breast cancer. Charushila Y. Kadam, Subodhini A Abhang.	Research Journal of Recent Sciences, 2015;4(2):55-60	2015
6	Evaluation of serum level of Neutrophil elastase, superoxide dismutase and nitric oxide in COPD patients and its correlation	International journal of Biochemistry research and review 5(2):153-161,	2015

	with lung function test. Rupali S Pawar and Subhodhini A. Abhang		
7	Serum levels Of soluble Fas ligand, granzyme B and cytochrome C during adjuvant chemotherapy of breast cancer. Charu Kadam, Subhodhini A. Abhang	Clinica chimica acta 438:98-102	2015
8	C- reactive protein and lipid abnormality in children suffering from pneumonia Gouri M. Bhoite, Abdulrahaman A. Monin, Mangesh P. Bankar	Journal of pharmaceutical, chemical and biological sciences Vol. 03 page no. 426-431	2015
9	Evaluation of serum level of Neutrophil elastase, superoxide dismutase and nitric oxide in COPD patients and its correlation with lung function test. Rupali S Pawar and Subhodhini A. Abhang	International journal of Biochemistry research and review 5(2):153-161,	October 2014
10	Study of plasma fibrin D-Dimer as marker of fibrinolysis and high sensitive C-reactive protein (hs-CRP) as potential inflammatory marker in acute stage of coronary heart diseases. Dr.Mangesh Bankar	Journal of Indian College of Cardiology xxx (2014) 1-6.	2014
11	Stress in first year medical students. Dr. Somnath T. Salgar	International Journal of Biomedical and Advance Research . ISSN 2229-3809	2014
12	Case based learning: an innovative student-centred methodology for teaching biochemistry. Dr. Somnath T. Salgar	International Journal of Biomedical Research. ISSN: 0976-9633	2014

13	Arginase activity as a useful cardiac marker for differential diagnosis of UA and MI. C.G.Yerawar,S.A.Abhang, P.N. Joshi.	International Journal of Biochemistry Research and Review 2014;Sep 5(1): 82-86	2014
14	Elevated hsCRP levels signal increased risk of future cardiovascular disease independent of lipid profile in H.Pylori infection. GS Kansara, PN Joshi, SR Adhau	International Journal of Research in Medical Sciences 2014 Nov; 2(4): 1388-1392	2014
15.	Study of correlation of Pulmonary function test with the markers of oxidative stress and non enzymatic antioxidant disease (COPD) patient. Rupali S. Pawar, Subhodhini A. Abhang, P. Borale, Rahul Lokhande	British Journal of Medicine & Medical Research; 4(28):4710-4722,2014	2014
16.	Study of oxidative/ Nitrosative stress, non enzymatic antioxidants and markers of airflow obstruction (FEV1% predicted) in chronic obstructive Pulmonary disease (COPD) patients. Rupali S. Pawar, Subhodhini A. Abhang, P. Damgaye TM, Rahul Lokhande	International Journal of Bioassays, www.ijbio.com P.no. 3091-3100.March 2014	2014
17.	Evaluation of Arginase and nitric oxide levels in sepsis. Shruti R. Mulgund, Subhodhini A. Abhang,	International Journal of Medical research and review, July-August, 2014/vol2/Issue 4.	2014
18	Appearance of LDH-6 in liver disease. Joshi P.N., Joshi N.G., Bulakh P.M	The Antiseptic Feb14, vol.111, no.2, P.No. 79-80.	2014
19	Apolipoprotein B / Apolipoprotein A1 ratio: An improved marker of	International Journal cur. Res Rev, May 2014/vol 06 (10) p. no	2014

	cardiovascular risk in Hypothyroidism. Priyanka G. Rakshasmare, P. N. Joshi		
20.	Association of Cardiovascular risk factors with insulin & insulin resistance in type-2 DM patients. Momin AA, Bankar MP, Bhoite GM, Shaheen B	Scholars J. of Applied Med Sciences 2(81):152-156, 2014. ISSN2447-954x	2014
21	Ratio of serum Asymmetric Dimethyl Arginine (ADMA)/nitric oxide in CAD patients. Rajni R. Shivkar, Subhodhini A. Abhang	Journal of clinical & diagnostic research. Year : 2014 Month : Aug Volume : 8 Issue : 8	2014